



## SKILLS

Development	Python, Javascript, Java Git, Heroku
Data	Hadoop, Pig, SQL, d3.js, Excel AWS, Matlab, Jupyter
Visual	HTML5, CSS3, Photoshop, Sketch, Balsamiq

## RECENT PROJECTS

### FOOSBOT - DECEMBER 2015

+ Chat bot on Kik Messenger platform with queues and TruSkill leaderboards

### ZUISALIVE - JUNE 2015

+ Visualizing business metrics in a beautiful and compelling format

### CODE FOR KIDS WORKSHOP - SEPTEMBER 2014

+ Initiative to teach kids programming concepts using Scratch software

## EXPERIENCE



Sep - Dec 2015

### DATA ENGINEER

#### KIK MESSENGER - WATERLOO, ON

- + Created and maintained **data pipelines** in Amazon Web Services with high emphasis on stability and integrity
- + Loaded data to Redshift using **clean ETL practices** with Pig, Jsonpaths, Bash, and SQL
- + Analyzed data using Redash and Python to communicate clear metrics for board members
- + Redesigned the Kik Team chat bot with **Django** on the Kik Messenger platform reaching millions of users daily
- + Acted as an Agile Scrum Master for Data team at Kik during standup, sprint planning and grooming



Jan - Apr 2015

### PROJECT MANAGER

#### YOU.I LABS - OTTAWA, ON

- + Responsible for various project management tasks across different projects and programs
- + Delivered multiple reports highlighting budgeting, scheduling and resourcing status of projects to external clients and stakeholders.
- + Flew out regularly to client sites, escalating issues program wide and communicating clear objectives
- + Developed scripts in **Python** to sort and extract data for analysis and reporting by the business team
- + Managed certification and application submission for video game consoles (PS4, PS3, Xbox One)



May - Aug 2014

### BUSINESS SYSTEMS ANALYST

#### SUN LIFE FINANCIAL - WATERLOO, ON

- + Co-ordinated multiple technology projects across multi-disciplinary domains including web, mobile, and server development
- + Wrote and defined user requirements, specifications and interface design documents
- + Facilitated project meetings on business performance metrics and dashboards such as **lift and activation**



Sep - Dec 2013

### SOFTWARE DEVELOPER

#### TOUSHAY INC. - OTTAWA, ON

- + Developed a plugin on Hype 2.0 web design software that enabled rapid development and design for third party developers on Toughay platform
- + Ensured code reliability through test driven development and clean code practices in **Objective-C** with Cocoa and Cocoa Touch frameworks



Jan - Apr 2013

### VERIFICATION ENGINEER

#### MAGOR - OTTAWA, ON

- + Developed automation tools and scripts for Magor software in **Python** to replace older test automation system
- + Utilized JIRA and Bugzilla for test suite reporting and documentation

## ACCOMPLISHMENTS

### Sandford Fleming Junior Design Award

July 2013

Awarded for finishing in top three at Waterloo Engineering Competition

### Waterloo President's Scholarship

September 2012

Awarded for entrance average of 90+

## PROFILE

### Education

September 2012 - Present

Candidate for Bachelor of Applied Science in Systems Design Engineering  
University of Waterloo

### Clubs, Interests, & Activities

UW Hiphop Club (Exec), UW VSA (Exec), UW Finance Association, Soccer, The Lean Startup, e-sports, changing the world, and writing